

AMENDMENTS TO THE CLAIMS

WHAT IS CLAIMED IS:

1. (Currently Amended) A cream containing interferon encapsulated with liposome, comprising:

an interferon encapsulated with liposome, and

a cream substrate, wherein:

the content of interferon is 1.0×10^4 - 5×10^8 IU/g cream at the ratio of biological activity of interferon to weight of cream;

the ratio of biological activity of interferon to weight of cream substrate is 5×10^3 - 5×10^6 IU: 1g;

and the ratio of biological activity of interferon encapsulated with liposome to total volume of liposome is 1.0×10^5 - 5×10^8 IU: 1 ml in the case of greater than 80% efficiency of encapsulation.

2. (Canceled)

3. (Currently Amended) The cream containing interferon encapsulated with liposome according to claim 1 [[2]], wherein the ratio of biological activity of interferon to the weight of cream substrate is 5×10^4 IU: 1g.

4. (Currently Amended) The cream containing interferon encapsulated with liposome according to claim 1 or 2, wherein the liposome used for encapsulating interferon is made from the following components:

a membrane material, selected from the group consisting of phosphatidyl choline, soya lecithin, cephalin, lecithin, cholesterol, stearic amide and mixtures thereof; and
an antioxidant agent.

5. (Original) The cream containing interferon encapsulated with liposome according to claim 4, wherein said liposome is made from the following components:

phosphatide	65-90 parts by weight
cholesterol	50-30 parts by weight
stearic amide	0.5-5 parts by weight and
vitamin E	0.2-2 parts by weight.

6. (Original) The cream containing interferon encapsulated with liposome according to claim 5, wherein said liposome is made from the following components by weight:

phosphatide: cholesterol: stearic amide: vitamin E= 80: 18: 1: 1.

7. (Currently Amended) The cream containing interferon encapsulated with liposome according to claim 1 or 2, wherein said cream substrate comprising:

excipient	200-300 parts by weight
emulsifier	10-30 parts by weight
stabilizer	5-25 parts by weight; and

antiseptic 0.5-1 parts by weight;

and wherein: [[,]]

 said excipient is selected from the group consisting of glycerin, liquid paraffin, stearic acid, glyceryl monostearate, octadecyl alcohol, white Vaseline, yellow Vaseline, lanolin and mixtures thereof;

 said emulsifier is selected from the group consisting of polysorbate 20, polysorbate 60, polysorbate 80, Span 80 and sodium dodecyl sulfate;

 said stabilizer is selected from the group consisting of mannit, sucrose, maltose, dextran 40, trehalose, ethyllactate and mixtures thereof; and

 said antiseptic is selected from the group consisting of methyl p-hydroxybenzoate, ethyl p-hydroxybenzoate, propyl p-hydroxybenzoate and mixtures thereof.

8. (Original) The cream containing interferon encapsulated with liposome according to claim 7, wherein the emulsifier is polysorbate 80.

9. (Original) The cream containing interferon encapsulated with liposome according to claim 8, wherein the ratio of polysorbate 80 to cream substrate is 2.0%-5.0% by weight.

10. (Original) The cream containing interferon encapsulated with liposome according to claim 9, wherein the cream substrate comprising:

white Vaseline: polysorbate 80: dexcran 40: ethyl lactate: ethyl p-hydroxybenzoate = 20: 20: 5: 3: 1: 1 :0.1 by weight.

11. (Currently Amended) The cream containing interferon encapsulated with liposome according to claim 1 or 2, wherein said interferon is natural IFN or recombinant human IFN- α , β or γ .

12. (Original) The cream containing interferon encapsulated with liposome according to claim 11, wherein said interferon is IFN α -2a, IFN α -1b or IFN α -2b.